

CLAIMS

1. The use of a monoclonal antibody or a fragment thereof to a peptide comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the sequence

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MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

or a fragment thereof, in the preparation of a medicament for the treatment of cancer.

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2. The use of a monoclonal antibody or a fragment thereof to a peptide comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the sequence

MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

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or a fragment thereof, in the preparation of a medicament for the treatment of vascular smooth muscle (VSM) cell proliferation.

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3. A use as claimed in claim 1 or claim 2, in which the monoclonal antibody is raised against the peptide EDGIKRIQDD.

4. A use as claimed in any one of claims 1 to 3, in which the monoclonal antibody is a humanised antibody.

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5. A use as claimed in any one of claims 1 to 3, in which the monoclonal antibody is 6313/G2 produced by the hybridoma cell line designated by accession no. 93072117.

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6. A method for the treatment of cancer comprising administration to a subject in need thereof a therapeutic amount of a monoclonal antibody or a fragment thereof to a peptide comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the amino acid sequence

MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

or a fragment thereof.

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7. A method for the treatment of vascular smooth muscle cell proliferation comprising administration to a subject in need thereof a therapeutic amount of a monoclonal antibody or a fragment thereof to a peptide comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the amino acid sequence

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MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

or a fragment thereof.

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8. A method as claimed in claim 6 or claim 7, in which the monoclonal antibody is raised against the peptide EDGIKRIQDD

9. A method as claimed in any one of claims 6 to 8, in which the monoclonal antibody is a humanised monoclonal antibody.

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10. A method as claimed in any one of claims 6 to 8, in which the monoclonal antibody is 6313/G2 produced by the hybridoma cell line designated by accession no. 93072117.

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11. The use of a peptide sequence comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the sequence

MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

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or a fragment thereof, in the preparation of a medicament for the treatment of cancer.

12. A vaccine composition comprising a peptide sequence comprising the N-terminal portion of the angiotensin-II type-1 receptor defined by the sequence

MILNSSTEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFG

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or a fragment thereof.

13. A vaccine composition as claimed in claim 11, in which the peptide is conjugated to a carrier protein.